

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
5	BRS	L7	0	6 same 2	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 17:58			0
6	BRS	L8	32	4 near (human or murine or rabbit or rat)	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 17:58			0
7	BRS	L9	0	8 same 2	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 17:58			0
8	BRS	L11	36	(limulus adj anti-LPS adj factor) or LALF	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 18:00			0
9	BRS	L14	0	12 same 2	USPAT	2001/06/04 18:02			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error Definitors
10	BRS	L15	78	4 same (treating or treatment)	USPAT; US-PPG UB; EPO; JPO; DERWEN T	2001/06/04 18:04		0	
11	BRS	L16	1069	(bactericidal adj permeability adj increasing adj protein) or BPI	USPAT; US-PPG UB; EPO; JPO; DERWEN T	2001/06/04 18:06		0	
12	BRS	L17	99	(16 or 11) same 4	USPAT; US-PPG UB; EPO; JPO; DERWEN T	2001/06/04 18:38		0	
13	BRS	L18	11	17 same (hybrid adj protein)	USPAT; US-PPG UB; EPO; JPO; DERWEN T	2001/06/04 18:40		0	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error Counters
14	BRS	L19	26	17 same (fusion adj protein)	USPAT; US-PPG UB; EPO; JPO; DERWEN T	2001/06/04 18:45		0	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error Definitors
1	BRS	L2	1492	septicemia	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 17:54			0
2	BRS	L4	1957	lbp or (liposaccharide adj binding adj protein)	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 18:03			0
3	BRS	L5	0	2 same 4	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 17:55			0
4	BRS	L6	71	4 same (variant or mutant or hybrid)	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/06/04 17:57			0

SIN INTERNATIONAL LOGOFF AT 07:33:36 ON 05 JUN 2001

From Escherichia coli, Klebsiella pneumoniae, **S**erattia marcescens; (2) **S**eudomonas aeruginosa, and **g**ram-negative bacteria in vitro. **R**ESULTS. Syntetic peptide BG43 (***LBP***-derrived), but not control peptide significantly inhibited LPS-induced tumor necrosis factor-alpha secretion by macrophages and mediated the lysis of gram-negative bacteria in vitro. In addition, preincubation of LPS with peptide BG38 mediated protection subsequent to lethal endotoxin challenge. **C**ONCLUSIONS. These data demonstrate that small peptides derived from BPI, ***LALF***, and ***LBP***, retained different endotoxin-neutralizing and bactericidal activity against many different gram-negative bacteria in vitro. Identification of this conserved LPS-binding region within each protein may aid in the development of new immunomodulatory reagents for use as adjunctive therapy in the treatment of gram-negative bacterial infection.